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Applicant : Martin E. Newell et al. Art Unit : 2775
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Title : MANIPULATION OF CURVES AND SURFACES

Commissioner for Patents
Washington, D.C. 20231

RESPONSE TO ACTION DATED OCTOBER 24, 2001

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Please amend the claims as follows:

1. (amended) A method comprising

receiving relocation information indicative of a user-specified change in position of any arbitrary target location on a Bezier shape, the Bezier shape being governed by control points, and

in response to the relocation information, determining new positions for canonical locations on the curve or surface based on predefined behaviors of the canonical locations.

2. (amended) The method of claim 1, 23, or 24 in which the shape comprises a d-degree Bezier curve, d an integer greater than 1, governed by d+1 control points.

3. (unchanged) The method of claim 2 in which there are d+1 canonical locations.

4. (amended) The method of claim 1, 23, or 24 further comprising

adjusting the control points so that the Bezier shape contains the canonical locations in their new positions.

5. (unchanged) The method of claim 1 in which the Bezier shape comprises a curve or a surface.

6. (amended) The method of claim 1, 23, or 24 further comprising rendering the Bezier shape based on the new positions of the d+1 canonical locations.

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